



PRODUCT INFORMATION

MAIN BATTERY SWITCH

- **Anti-Theft Security:** Acts as an effective, low-cost immobilizer. By removing a key or turning a rotary switch to "OFF," the starter and ignition systems are disabled, making the vehicle impossible to start.
- **Prevents Parasitic Battery Drain:** Ideal for vehicles that sit for long periods (classics, RVs, track cars), the switch completely eliminates drain from accessories like alarms or clocks, ensuring the battery stays charged.
- **Instant Emergency Power Shutdown:** Provides immediate isolation of the electrical system in the event of a crash, electrical fire, or, in racing, to cut power to fuel pumps.

PRODUCT FEATURES

Main battery switches (also known as master cut-off or kill switches) in the automotive industry offer several key unique selling points (USPs) focused on safety, security, and battery preservation. These devices provide a, secure, and instant method to isolate the battery from the vehicle's electrical system.

Additional key features:

- **Simplifies Maintenance and Service:** Allows for safe, easy, and quick disconnection of the battery without needing tools to remove terminals, minimizing the risk of accidental short circuits.
- **Racing/Motorsport Compliance:** Often required by safety regulations (e.g., SCCA) to have an external, accessible cutoff for track workers.
- **Heavy-Duty Durability and Protection:** High-end models (e.g., Flaming River) feature silver-plated contacts, high amperage ratings (250A+ continuous, 2500A+ surge), and waterproof/weatherproof construction (IP65) to withstand harsh under-hood environments.
- **Versatile Design Options:** Available in various formats including simple green-knob, high-current rotary, keyed, or, for modern convenience, wireless remote-controlled switches.

Function:

A main battery switch (or master disconnect) controls power flow from a battery, serving to isolate the battery for safety/maintenance, prevent parasitic drains that kill batteries over time, enhance security, and manage power between multiple battery banks in vehicles, boats, and RVs, ensuring reliable operation and battery longevity.

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Common uses:

- Racing /motorsports
- Boats: Essential for preventing drain on house batteries and for isolating banks for engine starting vs. running electronics.
- RVs/Trailers: Isolates the house battery from the vehicle's starting battery and prevents phantom loads.
- Modified Vehicles: Manages high-power aftermarket accessories like winches or audio systems.

What does HELLA offer?

Premium Technical Expertise and Service: Our technical repair shop service, being provided through our experts, is rounding off our technical service. In addition to Tech World, our Partner World offers targeted content for wholesalers, helping them to better serve their customers.

Target-oriented Marketing Services: Entire communication to market and supporting the W/D with a powerful communication package.

Vast Data Management Services: HELLA's sophisticated data management services allow for precise and efficient parts identification, ensuring that wholesalers and workshops can quickly find the right parts.

Tailormade Logistic Solutions: Our logistics are designed to meet the specific needs of our partners, ensuring timely and reliable delivery of products.

Discover the **HELLA Electronic range** by following the link above. This comprehensive portfolio offers advanced automotive electronics for all stages of vehicle electrification, from intelligent battery sensors for micro-hybrids to high-voltage battery management systems for fully electric vehicles. Our selection includes various sensors (brake, climate, rain/light, and transmission range), actuators, power electronics (DC/DC converters and onboard chargers), control units, vacuum pumps, radar systems, and smart vehicle access solutions. HELLA is committed to providing innovative and reliable electronic components that enhance the performance, safety, and efficiency of modern vehicles.

Discover the entire range by scanning the QR code.



Product features, specifications and availability are subject to change without notice.

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